ABSTRACT

This invention discloses novel gamma secretase inhibitors of the formula:

$$(R^{3})_{2}$$
 $(R^{3B})_{2}$
 $(R^{3B})_{2}$
 $(R^{3A})_{2}$
 $(R^{3A})_{2}$
 $(R^{3A})_{2}$
 $(R^{3A})_{2}$
 $(R^{3A})_{2}$

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wherein:

R¹ is a substituted aryl or substituted heteroaryl group;

 R^2 is an R^1 group, alkyl, -XC(O)Y, alkylene-XC(O)Y, cycloalkylene-X-C(O)-Y, -CH-X-C(O)-N R^3 -Y or -CH-X-C(O)-Y, wherein X and Y are as defined herein;

each R³ and each R^{3A} are independently H, or alkyl;

R¹¹ is aryl, heteroaryl, alkyl, cycloalkyl, arylalkyl, arylcycloalkyl, heteroarylalkyl, heteroarylcycloalkyl, arylheterocycloalkyl, or alkoxyalkyl. Also disclosed is a method of treating Alzheimer's Disease using one or more compounds of the invention.

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